

**Notice of Allowability**

Application No.

10/661,856

Examiner

Thomas J. Brahan

Applicant(s)

BAKER, SCOTTY

Art Unit

3654

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the interview of December 15, 2006.
2. ☒ The allowed claim(s) is/are 3 and 5-11.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|  | 9. <input type="checkbox"/> Other _____.   |

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An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee. Authorization for this examiner's amendment was given in a telephone interview with Ken J. Pedersen on December 15, 2006.


1. Claims 1 and 2 have been canceled.
2. Claim 3 has been amended to read as follows:
  3. A remotely controlled slack pulling carriage for movement along a suspended cable which comprises:
    - a chassis containing an internal combustion power plant, and
    - an electrical system which comprises a battery, electric starter and alternator for starting and operation of said power plant, and
    - a main hydraulic pump with variable displacement, mechanically driven by said power plant, and which is, in-turn, connected to a hydraulic motor in a closed hydraulic loop, and
    - a secondary hydraulic pump, smaller than the main hydraulic pump, for pumping hydraulic fluid into a solenoid control manifold, and
    - a sheave pressure roller assembly and controlling actuator to bring said sheave pressure roller assembly in or out of contact with an opposing sheave roller, to effectively allow the sheave pressure roller to engage feed or disengage feed to a skidline cable, and
    - a skyline cable clamp assembly and controlling actuator to clamp or un-clamp said carriage to a skyline cable, and
    - a skidline cable clamp assembly and controlling actuator to clamp or un-clamp said carriage to a skidline cable, and a radio subsystem that facilitates remotely controlling said carriage, and
    - an electronic control subsystem located within said carriage for performing control of said power plant for performing control of said main hydraulic pump, for performing control of said sheave pressure roller actuator, for performing control of said skyline cable clamp actuator, and for performing control of said skidline cable clamp actuator, and
    - a rotational rate sensor that is detected by said electronic control subsystem for control of said main hydraulic pump volume output.
3. Claim 8 has been amended to read as follows:
  8. A remotely controlled drum carriage for movement along a suspended cable which comprises:
    - a chassis containing a power plant, and
    - an electrical system which comprises a battery, electric starter and alternator for starting and operation of said power plant, and

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a main hydraulic pump with variable displacement, mechanically driven by said power plant, and which is, in-turn, connected to a hydraulic motor in a closed hydraulic loop, and  
a secondary hydraulic pump, smaller than the main hydraulic pump, for supplying pressurized hydraulic fluid to a solenoid-controlled selective distribution manifold, and  
a cable drum assembly driven by said hydraulic motor, and a skyline cable clamp assembly and controlling actuator to clamp or un-clamp said carriage to a skyline cable, and  
a skidline cable clamp assembly and controlling actuator to clamp or un-clamp said carriage to a skidline cable, and a radio control system that facilitates remotely controlling said carriage, and  
an electronic control system for performing control of said power plant and for performing control of said main hydraulic pump, and for performing control of said skyline cable clamp actuator, and for performing control of said skidline cable clamp actuator, and  
a rotational rate sensor that is detected by said electronic control system for control of said main hydraulic pump volume output.

4. In the specification, on page 5, line 23, the phrase "output one" has been changed to the phrase -- output, one --.
5. In the specification, on page 6, line 5, after the term "ability" the term -- to -- has been inserted.
6. In the specification, on page 6, line 25, after the phrase "Fig. 1" has been changed to the phrase -- Fig. 3 --.
7. In the specification, on page 7, line 26, the second occurrence of the term "a" has been deleted.

An inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas J. Brahan whose telephone number is (571) 272-6921. The examiner's supervisor, Ms. Katherine Matecki, can be reached at (571) 272-6951. The fax number for all patent applications is (571) 273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Questions regarding access to the Private PAIR system, should be directed to the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 12/20/06  
Thomas J. Brahan  
Primary Examiner  
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